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The block diagram illustrates the system architecture. A central component, likely a microcontroller or processor, is connected to several other blocks. The connections are as follows:

- COM** (Communication) is connected to the central block.
- DS** (Data Signal) is connected from the central block to the **EC** (Error Correction) block.
- ECS** (Error Correction Signal) is connected from the central block to the **EC** block.
- DCS** (Data Correction Signal) is connected from the **EC** block to the **DCO** (Data Correction Output) block.
- DSA** (Data Signal Amplifier) is connected from the **DCO** block to the **LCD** (Liquid Crystal Display) block.
- SCR** (Signal Control Register) is connected from the **LCD** block to the **DAP** (Data Access Port) block.
- PA** (Power Amplifier) is connected from the **DAP** block to the **W1** (Waveform 1) block.
- W2** (Waveform 2) is connected from the **DAP** block to the **W2** block.
- MPL** (Master Port Link) is connected from the **LCD** block to the **LCS** (Local Control Signal) block.
- LCS** is connected from the **LCS** block to the **LDC** (Local Data Control) block.
- LDC** is connected from the **LDC** block to the **BLU** (Backlight Unit) block.
- LS** (Local Signal) is connected from the **BLU** block to the **LS** block.

(57) Abstract: In a LCD monitor, a predetermined part (PA) of the displayed information is highlighted by causing the backlighting to produce more light. The area outside the predetermined area (PA) is kept at a substantially constant brightness by adjusting the video data driving the panel. The actual amount of light produced by the backlighting is measured to obtain a more constant brightness outside the predetermined area (PA).

WO 03/083816 A1

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

PCT/IB 03/00925

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/34 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 23456 A (LEE BRET M ; MILLER ELLIS G (US); SENDOVA MARIANA (US)) 14 May 1999 (1999-05-14) cited in the application abstract; figures 1,2 ---	1-5
A	US 5 786 801 A (ICHISE ATSUSHI) 28 July 1998 (1998-07-28) column 4, line 9 -column 7, line 51; figures 3-5 ---	1-5
A	US 6 313 586 B1 (OKAZAKI YUTAKA ET AL) 6 November 2001 (2001-11-06) the whole document --- -/--	1-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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Date of the actual completion of the international search

27 August 2003

Date of mailing of the international search report

04/09/2003

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